

GOLDFIELD CONSOLIDATED MINES #10 *8-5*
NE/SE Sec 9-T29N-R21W, Mohave Co.

P-W

County Mohave
Area Detrital Valley
Lease No. _____
Well Name GOLDFIELD CONSOLIDATED ^{Mng. Co} #10 _{yes}
Location NE/SE (see next page) Sec 9 Twp 29N Range 21W Footage _____
Spud _____ Completed _____ Total _____
Elev 2090 Gr _____ KB Date 12-2-58 ~~12-9-58~~ Depth 435

Contractor _____

Casing Size 5" Depth 21' Cement _____
Drilled by Rotary _____
Cable Tool _____
Production Horizon _____
Initial Production _____

REMARKS Lost circulation, no salt

Muddy Creek - 50'

Elec _____
Logs _____
Applic. _____ Plugging _____ Completion _____
to Plug _____ Record _____ Report _____
Sample Log _____
Sample Descript. _____
Sample Set _____
Core Analysis _____
DSTs _____

Water well accepted by _____

Bond Co. _____
& No. _____

Bond Am't \$ _____ Cancelled _____ Date _____
Organization Report _____

Filing Receipt _____ Dated _____ Well Book _____ Plat Book _____

API No. _____ Loc. Plat _____ Dedication _____

Permit Number _____ Date Issued _____

8-5

NE 9-29N-21W.
8-5

DRILL LOG

GOLDFIELD, DETRITAL VALLEY SALINE - HOLE NO. 10

Location: SE $\frac{1}{4}$, NE $\frac{1}{4}$ Section 9, Township 29N., Range 21W., Gila and Salt River Meridian

Elevation: +2090 Feet

Inclination: Vertical

Depth: 435 Feet

Type of Drill: Boyles-Joy 22 Diamond Drill

Date Started: December 2, 1958

Date Completed: December 9, 1958

Logged by: William H. Hisle

Feet From - To	Bit Type & Size	Description and Remarks
0 - 2	6 $\frac{1}{4}$ " Rock	Unconsolidated and weathered conglomerate.
2 - 50	6 $\frac{1}{4}$ " Rock	Conglomerate with sandstone lenses, <u>5 inch</u> pipe to 21 feet.
50 - 168	4 $\frac{3}{4}$ " Rock	Clay with numerous sandy seams. <u>Drill</u> <u>water lost on numerous occasion</u> - consid- erable drill mud required to hold water.
168 - 405	4 $\frac{3}{4}$ " Rock	Sandstone
405 - 435	4 $\frac{3}{4}$ " Rock	Sandstone well cemented grading to quartzite.

8-5

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Salt Deposits

Date July 16, 1959

District Gold Basin, Mohave County

Engineer Travis P. Lane *Eng. Not Reg.*

Subject: Information obtained in Kingman

I visited Mr. Bert Coleman, Mgr. of the Mohave County Chamber of Commerce in Kingman on July 8th concerning possible miner-cattlemen conflict of interest on grazing ranges; and at the same time I inquired re the salt deposit exploration being conducted by Goldfield Consolidated Mining Co. in the region near Temple Bar. Mr. Coleman said that he had visited the area following receipt of a letter addressed to the Chamber of Commerce by Mr. H. Hiale of Goldfield Consolidated Mining Co. He showed me the letter, dated Feb. 2, 1959, and I summarized it as follows:

Goldfield Consolidated Mining Co. is a Wyoming Corporation with offices at :

No. 1 Montgomery St., San Francisco, Calif. and 206 N. Virginia St., Reno, Nevada

Property: Early in 1957 the Company obtained a lease on 34 sections (15,360 acres) of potential salt bearing ground. The leasing agency was the Lake Mead National Recreation Area administered by the National Park Service. The center of the area is approximately 55 miles southeasterly from Boulder City -- 40 miles on Highway 93 and then 15 miles on the Temple Bar road. It is about the same distance northerly from Kingman.

To date 11 holes have been drilled for a total footage of 10,800 feet. 8 of the holes have partially delimited a salt deposit of high purity with length of 3 miles, width of at least 1 mile and an assured thickness of 500 feet. Additional drilling is planned. Salt recovery by brining and solar evaporation is proposed.

The letter stated that a market for 400 to 500 TPD exists at Henderson, Nevada, with Stauffer Chemical Co. accounting for the bulk of this use. That Company presently has a long term contract with the Leslie Salt Co. of Calif. to supply its needs. The letter also spoke of 2 firms having prospective plans for plants near Henderson to produce perchlorates for use in solid fuels. Also, the Hooker Electro-Chemical is reported to be considering the construction of a large chlorine plant in the Salt Lake City area.

The purpose of the letter was to apprise the Chamber of Commerce of the Company's favorable opinion as to the long range outlook for a regional salt industry and to enlist the Chamber's support in publicizing the advantages for plants, such as Hooker Electro-Chemical proposes, to locate near Boulder City because this location would be not far distant from large users on the west coast. Cheap Hoover dam power was cited as another attraction.

Mr. Coleman said he understood that Phelps Dodge was associated with Goldfield in the venture but said he could not vouch for the authenticity of this information.

Has report (to date) over 500,000

June 23, 1939

Mr. D.R.H. Mahoney
11910 Lauria Lane
Houston, 24, Texas

Dear Mr. Mahoney:

In regard to your inquiry of June 20th about the geology, production and consumption of Hail in Arizona:

As of September, 1939, Goldfield Consolidated (now merged into American Chrome Company) had drilled extensive halite beds in the Serraval Wash area near Serraval's Landing opposite the mouth of the Virgin River at Lake Mead. A halite thickness exceeding 500 feet reportedly was drilled. A pilot plant had been constructed. Work had been discontinued through the summer, and our field engineer found no sign of recent activity when in the area in March of this year.

Other parties reportedly are interested in the plays beds of this area.

The enclosed photostory of a 1938 article by J. H. [unclear] covers other areas from which no recent production is known to us.

Other references are:

Phalen, W. G., Salt Resources of the U.S., U.S.G.S Bull. 600, 1919

Young, G. J. Prehistoric mining for rock salt at Camp Verde; Eng. Min. Jour., vol 124, p. 13, 1927.

Consumption in Arizona has increased with the recent commencement of a plant using a salt-water segregation process for extraction of copper from oxide ores. Another development is a planned pulp mill to be built by the largest lumber company in Arizona. 1938 shipments of evaporated and rock salt from U. S. producers to Arizona were 14,500 and 13,500 short tons respectively.

If we can be of further service, please do not hesitate to call on us.

Yours very truly,

Enc
File

8-5
[unclear]
[unclear]

Div. of Nat. Resources

IPS +

MOHAVE COUNTY

Thursday: Visited Detrital Wash area near Barnelli's Landing. Goldfield Consolidated has drilled salt beds here and has constructed a pilot evaporative plant which includes vats and pumping system -- pumping water into a drill hole and returning brine to 6 evaporation vats. No one was present at the time of visit. I drove on to the Temple Bar ranger station where I interviewed Mr. Sutherland, the ranger. He described the work of Goldfield Consolidated and said work was suspended at the beginning of summer and was expected to resume about now. Mr. Meisel directed the work for the company.
T.P. LANE - WR - 9-28-59

The merger of Goldfield Consolidated Mines Company and American Chrome Company has been approved by stockholders. Two shares of Goldfield stock will be exchanged for each share of American Chrome.

Taken from MINING WORLD, January, 1960, p 60.

SALT DEPOSITS

MOHAVE COUNTY
GOLD RABEN DISTRICT

Visited site of the Goldfield Consolidated salt project in Detrital Wash near Temple Bar on Lake Mead. There has been no recent company activity.

Visited Mr. Sutherland, the ranger stationed at Temple Bar. He reported that he had just received notice from the Park Service of an application for a sodium lease in Detrital Wash entered by a Mr. L. P. Corkin, Jr. The new lease application appears to overlap in some places the ground of the Goldfield Consolidated lease hold.

T. P. LANE - WR-3-19-60

DETRITAL WASH SALT DEPOSITS

MOHAVE COUNTY

GOLDFIELD CONSOLIDATED MINES CO. (Wyoming Corp.)

W. A. Swan, V. Pres.
206 N. Virginia St.,
Reno, Nevada

and No. 1 Montgomery St.
San Francisco, Calif.

W. A. Swan, also V. Pres. AMERICAN CHROME CO., Nye, Mont.
John L. Lukens, Treas.

4-22-58 - FPK:ht

Mr. W. H. Hiale was in relative to the salt well drilling his company, the Goldfield Consolidated Mines Company (American Chrome Co. of Montana). They have drilled 7 holes in the halite area at a place 7 miles south of Bonelli Landing, northeastern Mohave County. Their plans are for utilization of the deposit ore, as yet, are tentative dependant upon the selection of a proper mining method.

LEWIS A. SMITH - WR 4-4-58
Geologist Dept. of Natural Resources

Mr. W. H. Hiale, engineer in charge of Gold Field Consolidated Mines (American Chrome Co. of Montana) report that 7 holes had been drilled in the salt beds in northern Mohave County, 10 miles from Beale Landing, south. They have sunk 7 holes and disclosed 500 feet of halite with about 500 feet of overburden. The area drilled covers about 3 miles long by one mile wide. He was in to confer on salt markets and the best mining method. They plan to develop and ship salt to the chemical plant near Las Vegas. He will submit a Mine Owner's report later.

LEWIS A. SMITH - WR - 4-5-58

KINGMAN, ARIZONA - Phelps Dodge Corporation is drilling for borax on Goldfield Consolidated Mines Company's Detrital Valley Saline Project.

Taken from MINING WORLD, May 1959, p 31

See Article MINING WORLD, June, 1959, p 73

8-5

